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Substitute for form 1449/PTO				Complete if Known	
				Application Number	10/763,263-Conf. #6446
				Filing Date	January 26, 2004
				First Named Inventor	Richard E. Jesmonth
				Art Unit	2856
				Examiner Name	S.J.M. Saint
Sheet	1	of	4	Attorney Docket Number	021384.0101PTUS

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AA*		US-2,671,896	03-09-1954	de Rosa	
AB*		US-3,587,107	06-22-1971	Ross	
AC*		US-3,612,899	10-12-1971	Ross et al.	
AD*		US-3,662,316	05-09-1972	Robbins	
AE*		US-3,668,639	06-06-1972	Harmuth	
AF*		US-3,678,204	07-18-1972	Harmuth	
AG*		US-3,705,981	12-12-1972	Harmuth	
AH*		US-3,728,632	04-17-1973	Ross	
AI*		US-3,739,392	06-12-1973	Ross, et al.	
AJ*		US-3,772,697	11-13-1973	Ross	
AK*		US-3,806,795	04-23-1974	Morey	
AL*		US-3,878,749	04-22-1975	Woron	
AM*		US-3,934,252	01-20-1976	Ross et al.	
AN*		US-3,995,212	11-30-1976	Ross	
AO*		US-4,008,469	02-15-1977	Chapman	
AP*		US-4,017,854	04-12-1977	Ross	
AQ*		US-4,072,942	02-07-1978	Alongi	
AR*		US-4,099,118	07-04-1978	Franklin et al.	
AS*		US-4,152,701	05-01-1979	Mara et al.	
AT*		US-4,254,418	03-03-1981	Cronson et al.	
AU*		US-4,344,705	08-17-1982	Kompa et al.	
AV*		US-4,506,267	03-19-1985	Harmuth	
AW*		US-4,641,317	02-03-1987	Fullerton	
AX*		US-4,651,152	03-17-1987	Harmuth	
AY*		US-4,688,041	08-18-1987	Cronson et al.	
AZ*		US-4,695,752	09-22-1987	Ross et al.	
AA1*		US-4,698,633	10-06-1987	Lamensdorf et al.	
AB1*		US-4,743,906	05-10-1988	Fullerton	
AC1*		US-4,751,515	06-14-1988	Corum	
AD1*		US-4,813,057	03-14-1989	Fullerton	
AE1*		US-4,862,174	08-29-1989	Natio et al.	
AF1*		US-4,809,554	03-07-1989	Shade et al.	
AG1*		US-4,907,001	03-06-1990	Harmuth	
AH1*		US-4,895,025	01-23-1990	Betts	
AI1*		US-4,979,186	12-18-1990	Fullerton	
AJ1*		US-5,057,846	10-15-1991	Harmuth	
AK1*		US-5,095,312	03-10-1992	Jehle et al.	
AL1*		US-5,134,408	07-28-1992	Harmuth	
AM1*		US-5,146,616	09-08-1992	Tang et al.	
AN1*		US-5,148,174	09-15-1992	Harmuth	
AO1*		US-5,148,175	09-15-1992	Woolfolk	
AP1*		US-5,153,595	10-06-1992	Harmuth	
AQ1*		US-5,159,343	10-27-1992	Harmuth	
AR1*		US-5,177,486	01-05-1993	Kim et al.	

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AS1*	US-5,216,429	06-01-1993	Nakagawa et al.	
AT1*	US-5,216,695	06-01-1993	Ross et al.	
AU1*	US-5,223,838	06-29-1993	Tang et al.	
AV1*	US-5,227,621	07-13-1993	Kim et al.	
AW1*	US-5,239,309	08-24-1993	Tang et al.	
AX1*	US-5,248,975	09-28-1993	Schutz	
AY1*	US-5,274,271	12-28-1993	McEwan	
AZ1*	US-4,941,356	07-17-1990	Pallaske	
AA2*	US-5,285,688	02-15-1994	Robbins et al.	
AB2*	US-5,293,555	03-08-1994	Anthony	
AC2*	US-5,307,079	04-26-1994	Ross et al.	
AD2*	US-5,307,081	04-26-1994	Harmuth	
AE2*	US-5,319,218	06-07-1994	Kim et al.	
AF2*	US-5,323,169	06-21-1994	Koslover	
AG2*	US-5,313,056	05-17-1994	Kim et al.	
AH2*	US-5,332,938	07-26-1994	McEwan	
AI2*	US-5,337,054	08-09-1994	Ross et al.	
AJ2*	US-5,345,471	09-06-1994	McEwan	
AK2*	US-5,351,053	09-27-1994	Wicks et al.	
AL2*	US-5,351,063	09-27-1994	Kim et al.	
AM2*	US-5,361,070	11-01-1994	McEwan	
AN2*	US-5,363,108	11-08-1994	Fullerton	
AO2*	US-5,365,240	11-15-1994	Harmuth	
AP2*	US-5,381,151	01-10-1995	Boles et al.	
AQ2*	US-5,389,939	02-14-1995	Tang et al.	
AR2*	US-5,422,607	06-06-1995	McEwan	
AS2*	US-5,455,593	10-03-1995	Ross	
AT2*	US-5,457,394	10-10-1995	McEwan	
AU2*	US-5,465,094	11-07-1995	McEwan	
AV2*	US-5,471,162	11-28-1995	McEwan	
AW2*	US-5,473,942	12-12-1995	Vick et al.	
AX2*	US-5,479,120	12-26-1995	McEwan	
AY2*	US-5,486,833	01-23-1996	Barrett	
AZ2*	US-5,493,691	02-20-1996	Barrett	
AA3*	US-5,510,800	04-23-1996	McEwan	
AB3*	US-5,512,834	04-30-1996	McEwan	
AC3*	US-5,517,198	05-14-1996	McEwan	
AD3*	US-5,519,342	05-21-1996	McEwan	
AE3*	US-5,519,400	05-21-1996	McEwan	
AF3*	US-5,521,600	05-28-1996	McEwan	
AG3*	US-5,523,758	06-04-1996	Harmuth	
AH3*	US-5,523,760	06-04-1996	McEwan	
AI3*	US-5,526,694	06-18-1996	McEachern et al.	
AJ3*	US-5,543,799	08-06-1996	Heger	
AK3*	US-5,563,605	10-08-1996	McEwan	
AL3*	US-5,573,012	11-12-1996	McEwan	
AM3*	US-5,576,627	11-19-1996	McEwan	
AN3*	US-5,581,256	12-03-1996	McEwan	

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AO3*	US-5,586,145	12-17-1996	Morgan et al.	
AP3*	US-5,589,838	12-31-1996	McEwan	
AQ3*	US-5,592,177	01-07-1997	Barrett	
AR3*	US-5,592,774	01-14-1997	Galyon	
AS3*	US-5,594,456	01-14-1997	Norris et al.	
AT3*	US-5,602,964	02-11-1997	Barrett	
AU3*	US-5,609,059	03-11-1997	McEwan	
AV3*	US-5,610,611	03-11-1997	McEwan	
AW3*	US-5,610,907	03-11-1997	Barrett	
AX3*	US-5,630,216	05-13-1997	McEwan	
AY3*	US-5,648,787	07-15-1997	Ogot et al.	
AZ3*	US-5,661,385	08-26-1997	McEwan	
AA4*	US-5,661,490	08-26-1997	McEwan	
AB4*	US-5,673,050	09-30-1997	Moussally et al.	
AC4*	US-5,677,927	10-14-1997	Fullerton et al.	
AD4*	US-5,682,164	10-28-1997	McEwan	
AE4*	US-5,687,169	11-11-1997	Fullerton	
AF4*	US-5,748,891	05-05-1998	Fleming et al.	
AG4*	US-5,760,308	06-02-1998	Beall et al.	
AH4*	US-5,877,422	03-02-1999	Otomo	
AI4*	US-5,899,018	05-04-1999	Gordon et al.	
AJ4*	US-5,901,516	05-11-1999	Watson	
AK4*	US-5,950,356	09-14-1999	Nimocks	
AL4*	US-6,001,383	12-14-1999	O'Brien, deceased et al.	
AM4*	US-6,002,708	12-14-1999	Fleming et al.	
AN4*	US-6,158,272	12-12-2000	Berretta	
AO4*	US-6,178,834	01-30-2001	Cates	
AP4*	US-6,189,393	02-20-2001	Cates	
AQ4*	US-6,205,701	03-27-2001	Nimocks, III	
AR4*	US-6,352,703	03-05-2002	Henderson et al.	
AS4*	US-6,385,268	05-07-2002	Fleming et al.	
AT4*	US-6,386,038	05-14-2002	Lewis, III et al.	
AU4*	US-6,389,741-A1	05-21-2002	Nimocks, III	
AV4*	US-6,400,754-A1	06-04-2002	Fleming et al.	
AW4*	US-6,439,069	08-27-2002	Cates	
AX4*	US-6,528,985	03-04-2003	Greuel et al.	
AY4*	US-20010047691-A1	12-06-2001	Dzenis	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

CA	BUCUR, VOICHITA, Acoustics as a Tool for the Nondestructive Testing on Wood, NDT.net Vol. 4 (11) November 1999, 8 pages	
CB	Development of AE Detector for Termite Attack http://h3news1.kais.kyoto-u.ac.jp/projects/bio/AE-detector2/e-index.html , 2 pages	
CC	KABIR et al., Time Domain Ultrasonic Signal Characterization for Defects in This Unsurfaced Hardwood Lumber, Wood and Fiber Science, Vol. 34(1) January 2002, pp. 165-182	
CD	KAWAMOTO et al., Acoustic Emission And Acousto-Ultrasound Techniques For Wood And Wood-Based Composites-A Review, US Department of Agriculture Forest Service, Technical Report (December 2002), 24 pages	
CE	Pest Control Industry Representatives Address USDA Federal Research Conference http://www.lipca.com/pressrelease-3.php3 , February 26, 2003, 2 pages	
CF	SANDOZ, J. L., Ultrasonic Solid Wood Evaluation in Industrial Applications, NDTnet Vol.1 (12) December 1996, 7 pages	
CG	SANDOZ et al., Standing Tree Quality Assessments Using Acousto-Ultrasonic, 9 pages	
CH	WORMLEY, SAM, Ultrasonic Inspection of Wood, December 14, 1995 nde.appliedphysics.swri.edu/pipermail/nde/1995-December/002025.html , 1 page	

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